

Climatic Research Unit Time Series ver2.10 Historical 50km Global dataset

Source Data Description and Citation

Resolution: 0.5° (WGS84)
Spatial Extent: Global
Temporal Extent: 1901-2002 monthly time-series
Climate Variables: Precipitation
Average Temperature
Average Maximum Temperature
Average Minimum Temperature

- [Mitchell T. D. and P. D. Jones. 2005. An improved method of constructing a database of monthly climate observations and associated high-resolution grids. International Journal of Climatology 25,693-712. <http://cru.csi.cgiar.org/PDF/mitchelljones.pdf>](http://cru.csi.cgiar.org/PDF/mitchelljones.pdf)
- Mitchell, T.D., Carter, T.R., Jones, P.D., Hulme, M., New, M., 2003: A comprehensive set of high-resolution grids of monthly climate for Europe and the globe: the observed record (1901-2000) and 16 scenarios (2001-2100). Journal of Climate: submitted.

Data Availability

High-resolution climate grids are available through the Climatic Research Unit and the [Tyndall Centre](http://www.cru.uea.ac.uk/cru/data/hrg/). <http://www.cru.uea.ac.uk/cru/data/hrg/>

Conditions of use from the Climatic Research Unit <http://www.cru.uea.ac.uk/>

The various datasets on the CRU website are provided for all to use, provided the sources are acknowledged. Acknowledgement should preferably be by citing one or more of the papers referenced. The website can also be acknowledged if deemed necessary. CRU will endeavor to update the majority of the data pages at timely intervals although this cannot be guaranteed by specific dates.